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APPLICATION NO.	FIL	ING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/757,574 01/15/2004		1/15/2004	Yasunori Mizoguchi	X2007.0148	4541
32172	7590	11/18/2005	•	EXAM	IINER
		RO MORIN & OS		CHAN, EMILY Y	
1177 AVENUE OF THE AMERICAS (6TH AVENUE) 41 ST FL.				ART UNIT	PAPER NUMBER
NEW YORK,	NY 10	036-2714		2829	

DATE MAILED: 11/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

` , `			$\mathcal{X}\mathcal{V}$		
		Application No.	Applicant(s)		
		10/757,574	MIZOGUCHI ET AL.		
	Office Action Summary	Examiner	· Art Unit		
,	·	Emily Y. Chan	2829		
Period fo	The MAILING DATE of this communication apports Reply	pears on the cover sheet wit	h the correspondence address		
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPL' CHEVER IS LONGER, FROM THE MAILING D. Insions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period of the toreply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing the patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNIC 36(a). In no event, however, may a re will apply and will expire SIX (6) MONT at cause the application to become ABA	ATION. ply be timely filed HS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).		
Status	•				
1)⊠	Responsive to communication(s) filed on 15 Ja	anuary 2004.	·		
,	, _ ·	s action is non-final.			
3)⊠	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
	closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D.	11, 453 O.G. 213.		
Disposit	ion of Claims				
4)⊠	Claim(s) 1-3 is/are pending in the application.				
	4a) Of the above claim(s) is/are withdra	wn from consideration.			
5)[Claim(s) is/are allowed.				
6)□	Claim(s) is/are rejected.				
-	Claim(s) <u>1-3</u> is/are objected to				
8)□	Claim(s) are subject to restriction and/c	or election requirement.			
Applicat	ion Papers				
7—	The specification is objected to by the Examine				
10)⊠	The drawing(s) filed on 15 January 2004 is/are	e: a)⊠ accepted or b)□ ot	jected to by the Examiner.		
	Applicant may not request that any objection to the				
11)	Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Ex				
Priority	under 35 U.S.C. § 119				
12)⊠	Acknowledgment is made of a claim for foreign All b) Some * c) None of:	n priority under 35 U.S.C. §	119(a)-(d) or (f).		
۵,	1. ☐ Certified copies of the priority document	ts have been received.			
	2. Certified copies of the priority document		oplication No		
	3. Copies of the certified copies of the price				
	application from the International Burea	iu (PCT Rule 17.2(a)).			
* ;	See the attached detailed Office action for a list	t of the certified copies not	received.		
2) Noti 3) Info	ice of References Cited (PTO-892) ice of Draftsperson's Patent Drawing Review (PTO-948) rmation Disclosure Statement(s) (PTO-1449 or PTO/SB/08	Paper No(s 5) Notice of Ir	ummary (PTO-413))/Mail Date formal Patent Application (PTO-152)		
T Pap	er No(s)/Mail Date <u>1/15/04; 10/26/05</u> .	6) Other:			

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: Fig. 2 is not mentioned in DESCRIPTION OF THE PREFERRED EMBODIMENT.

Appropriate correction is required.

Claim Objections

2. Claims 1-3 are objected to because of the following informalities: in claim 1, the function for the control device is not stated. The connection of the plurality of third wires is unclear. Are they wires 20a or 20b or 30a connected between the fixed unit and the moving unit? Also it is unclear how the third wires are connected for establishing connections between the fixed unit and a part of the first wires since the third wires are not recited to be connected to the connection switching device. Appropriate correction is required. Claims 2-3 are dependent on claim 1 and are objected accordingly.

Allowable Subject Matter

3. Claims 1-3 would be allowable if rewritten or amended to overcome the claims objection set forth in this Office action.

The following is a statement of reasons for the indication of allowable subject matter:

Claims 1-3 are indicated allowable because the prior art in the record does not teach or suggest an inspection apparatus for electrical inspection of a printed board comprising at least one connection switching device, a connection switching signal transmitter for transmitting the connection switching signals and a connection switching

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signal receiver for receiving the connection switching signals recited in claim 1. Claims 2-3 are dependent on claim 1 and are indicated allowable accordingly. The prior art Japan patent publication No.2001-133491 cited by the applicants fail to disclose at least one connection switching device, a connection switching signal transmitter for transmitting the connection switching signals and a connection switching signal receiver for receiving the connection switching signals.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Takahashi US Patent No. 6,097,202 discloses an apparatus for circuit board inspection (see Fig. 1) comprising a control section and a switch section.

Kimura US Patent No. 5,672,978 discloses an inspection apparatus for printed wiring board (see Fig. 9).

Nishikawa US Patent No. 6,411,079 discloses a testing apparatus for printed circuit board (see Fig. 5).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emily Y. Chan whose telephone number is 571-272-1956. The examiner can normally be reached on 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 571-272-2034. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EC 11/10/05

VINH NGUYEN PRIMARY EXAMINER

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